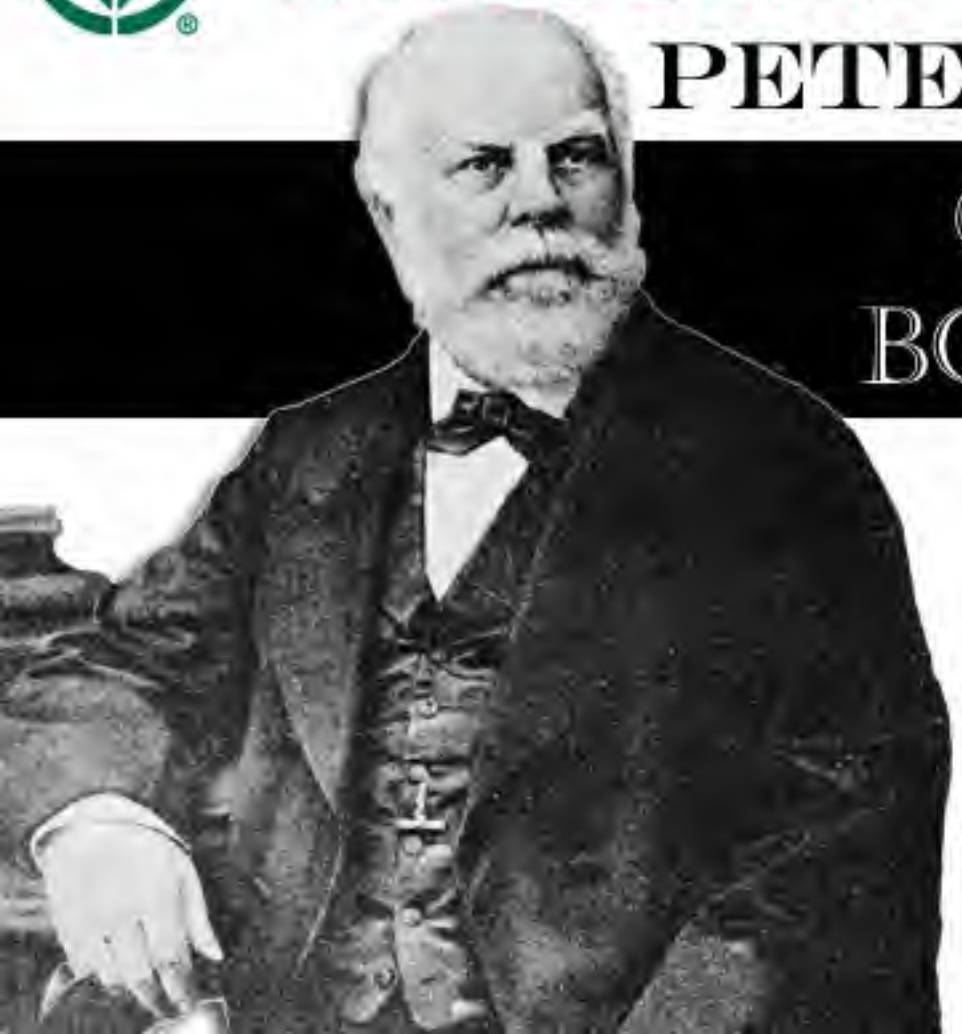
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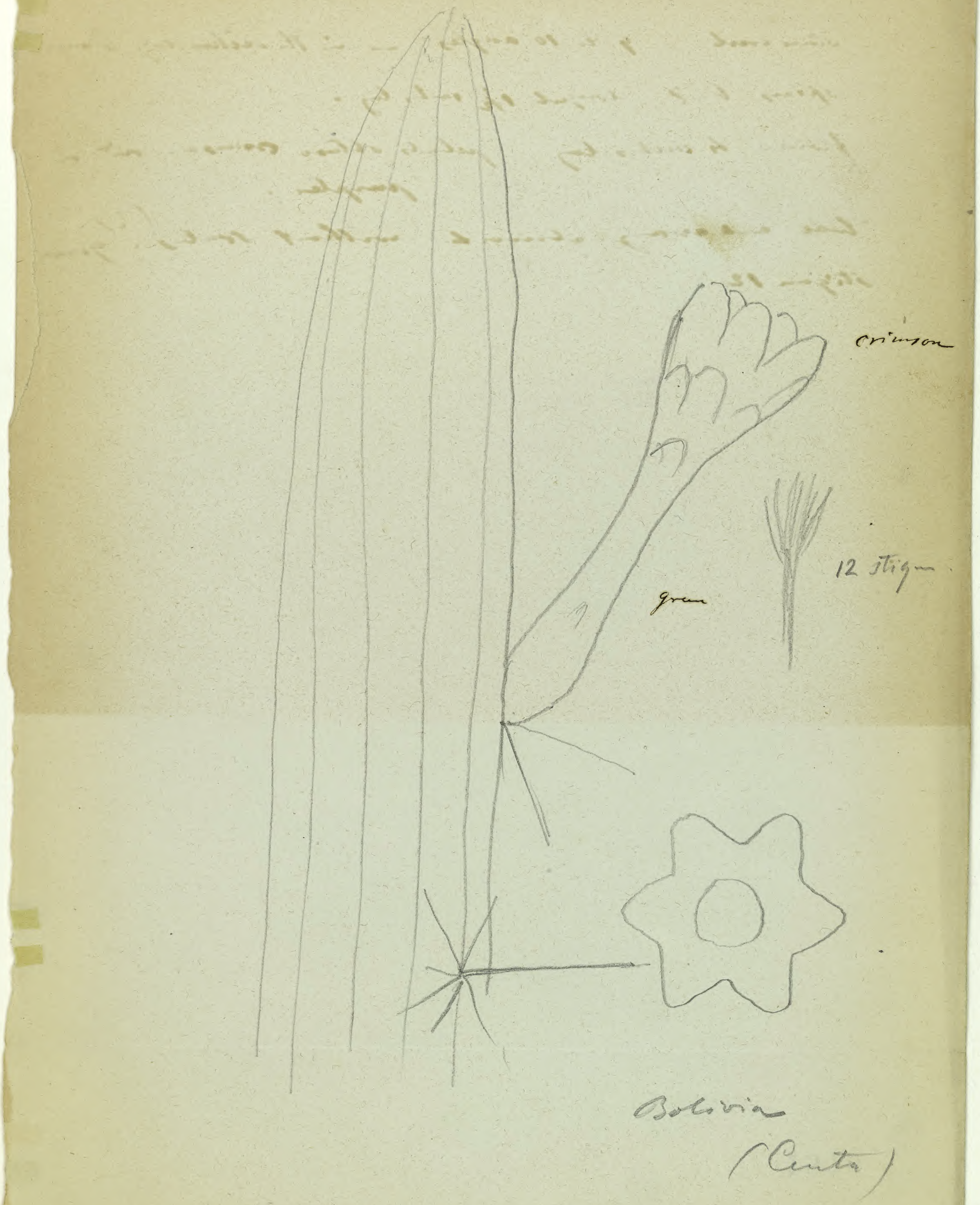
George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Weddells south America Cactaceae

No 25



0 1 2 3 4 5 6 7 8 9 10
cm
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25

Bolivia, Province of Cinti

stem erect 9 to 10 angles — in the section only 6 angles!

spines 6–8, longest 1/2 inches long;

flower 4 inches long; petals oblong obtuse crimson red or purple;

tube and ovary almost without scales (?) green

stigma 12

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GEORGE ENGELMANN PAPERS

1970

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No 24 Weddell's South American Cactaceae

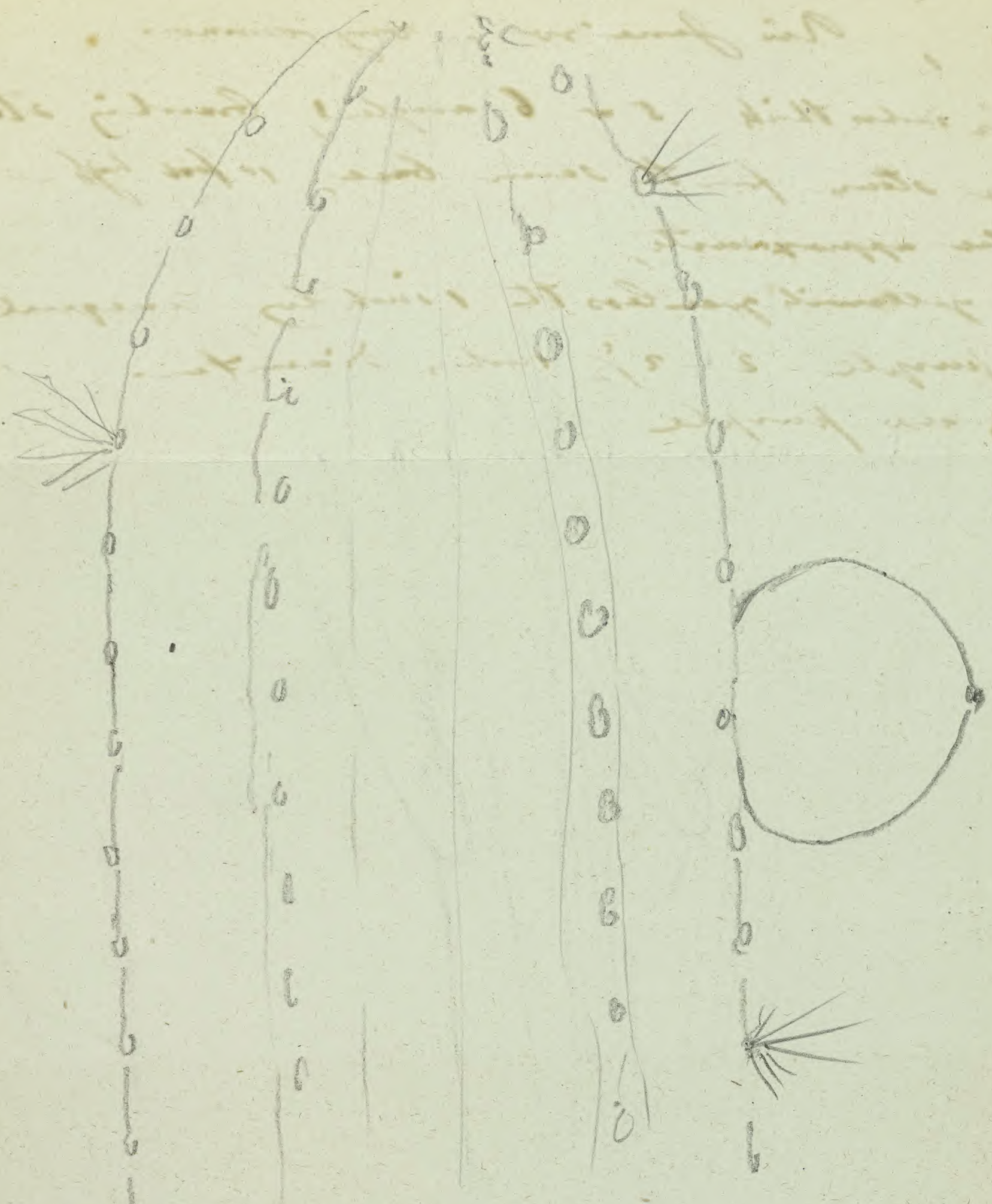
Cereus, Rio Janeiro, very common,

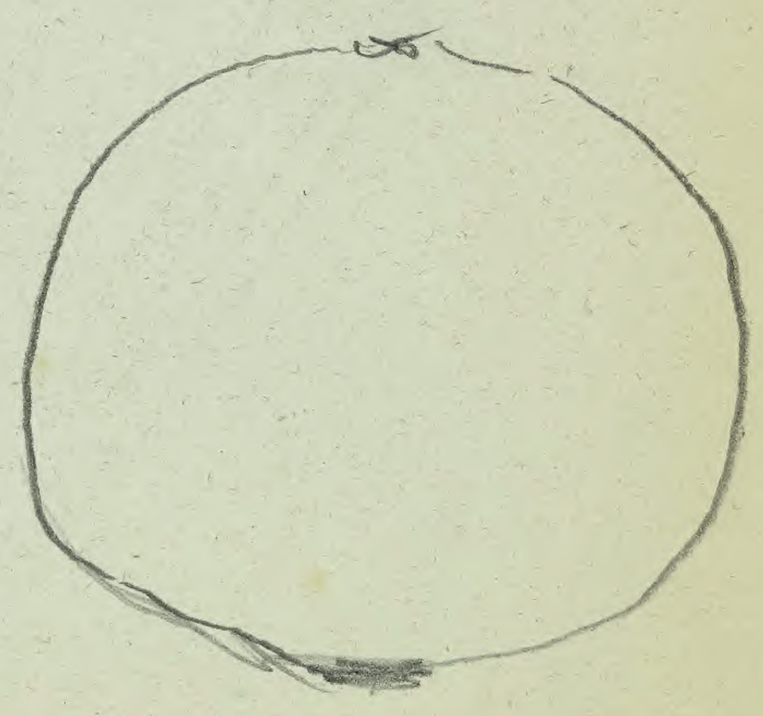
3/4 inches thick 5 or 6 angled, branching stem —
many stems from the same base, 10 feet high —
areolae approximate,
spines yellowish green less than 1 inch long, unequal,
fruit purple 2 — 2 1/2 inches diameter, inferior
pulp also purple

1971

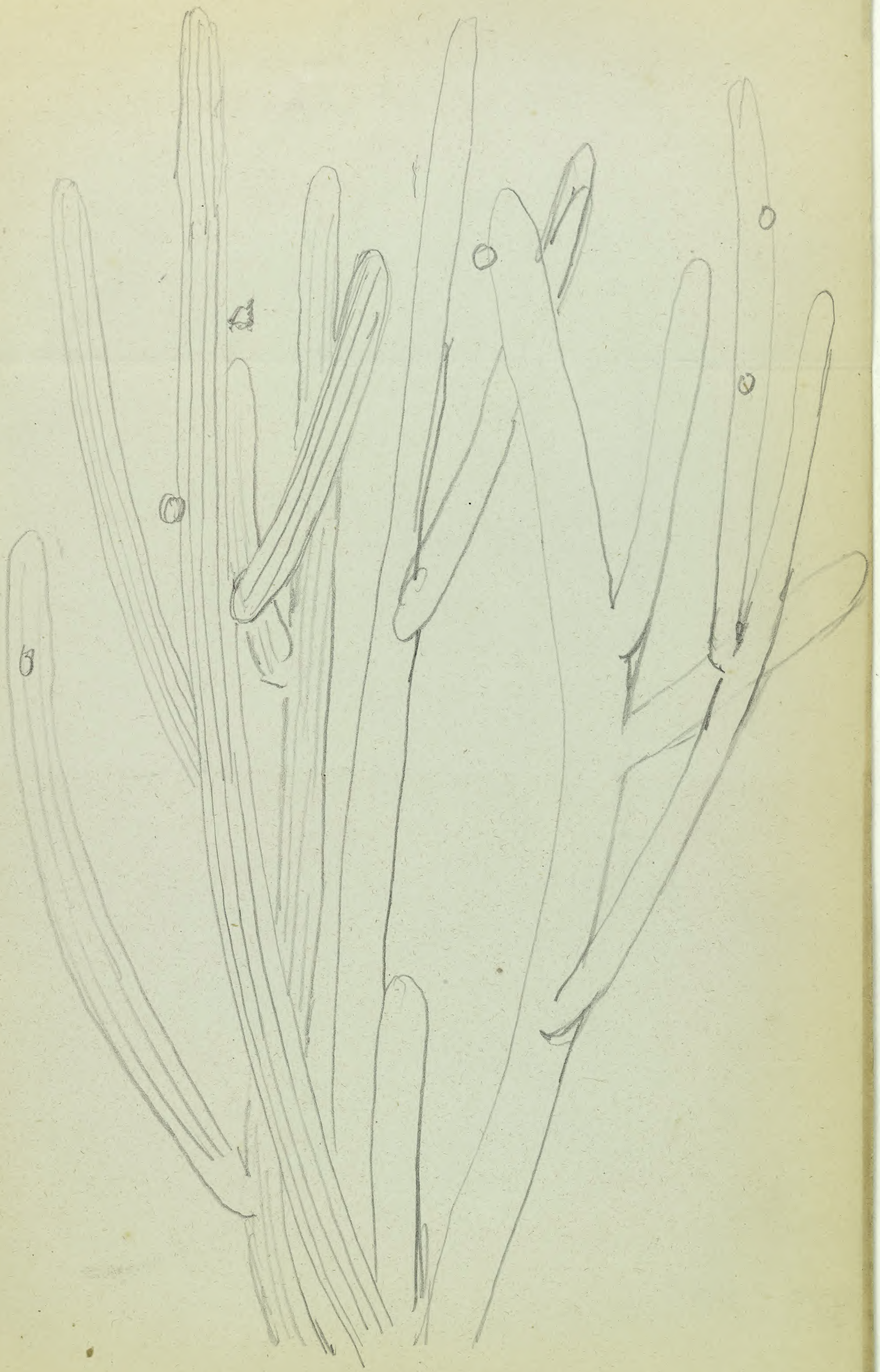
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№ 24





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23

Rochers Serra de Rapadura, Prov of Mato-Grosso, Brésil Decemb. 1844

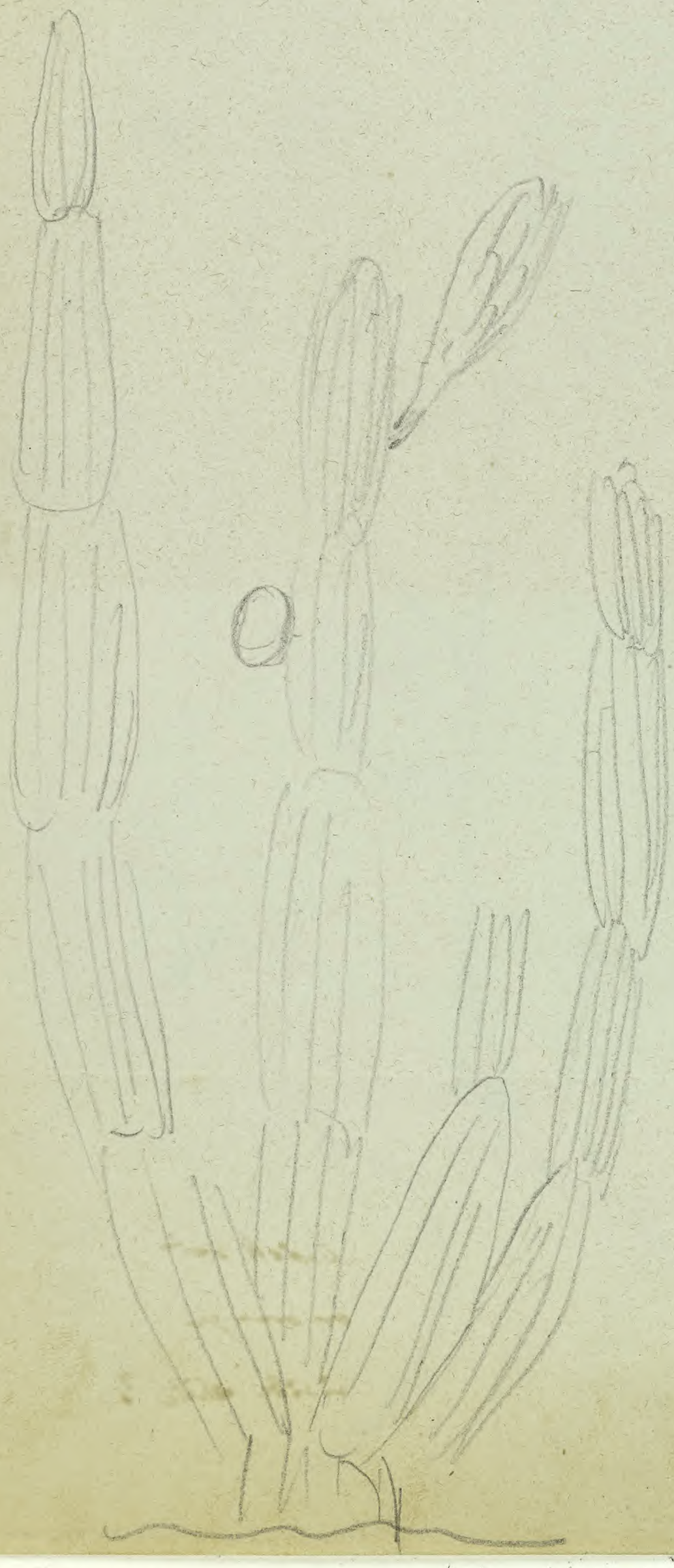
Erect, branching, articulate, 2-3 metres high

Joints 1-2 feet long 3-4 inches thick, 7-8 angles -

Spikes short 1/4-1/2 inch, black, stout, bristly (?)

Flowers 9 inches long white, ovary with four obtuse finely angular (8 angled?)

Fruit globose or depressed, 1 1/2 - 2 inches diameter brick red, approaching orange, inside white with black seeds



whole plant

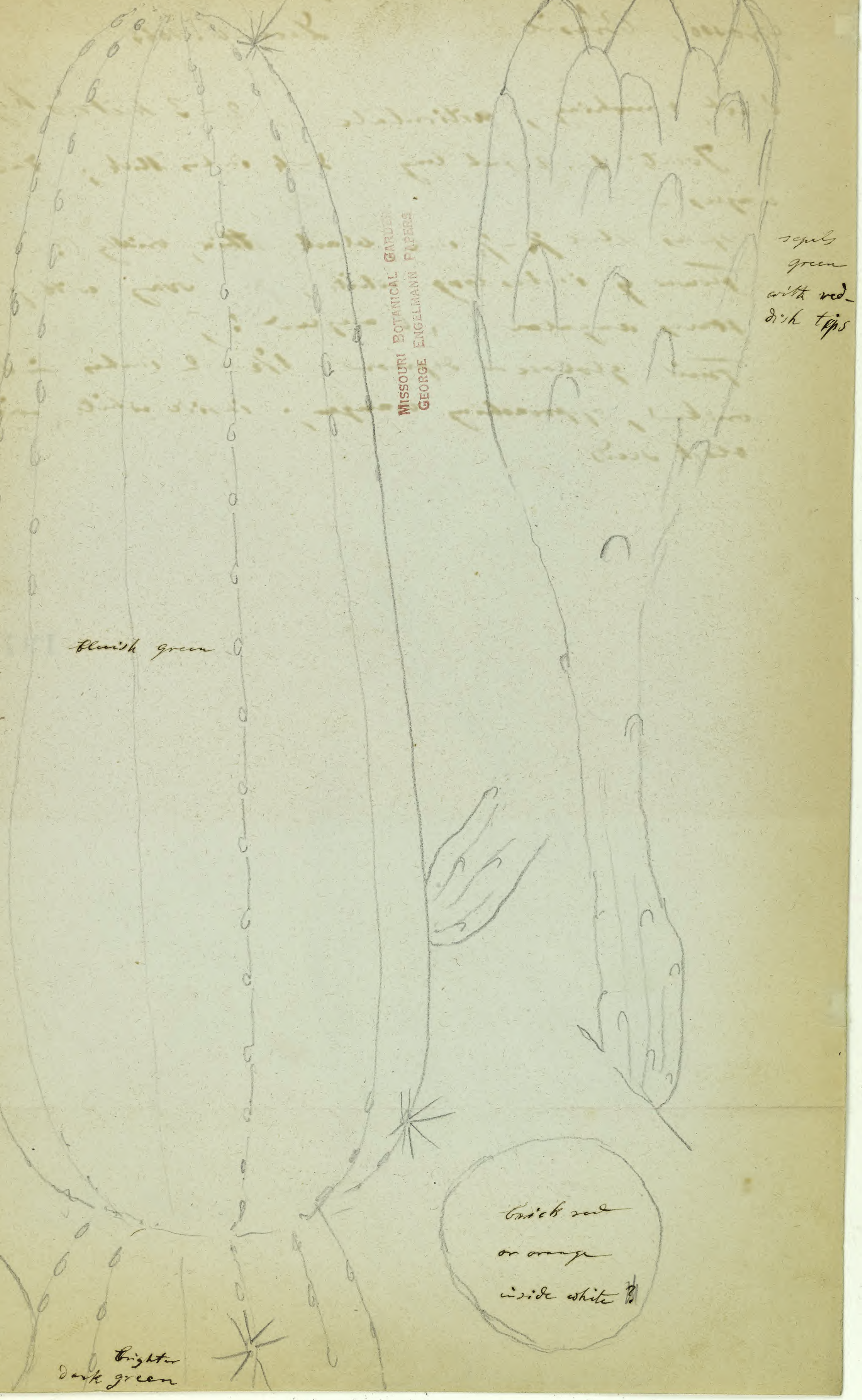
1972

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Mr Weddells South American Cactuses

№ 23.

petals white



sepals green with red tips

blueish green

Brighter dark green

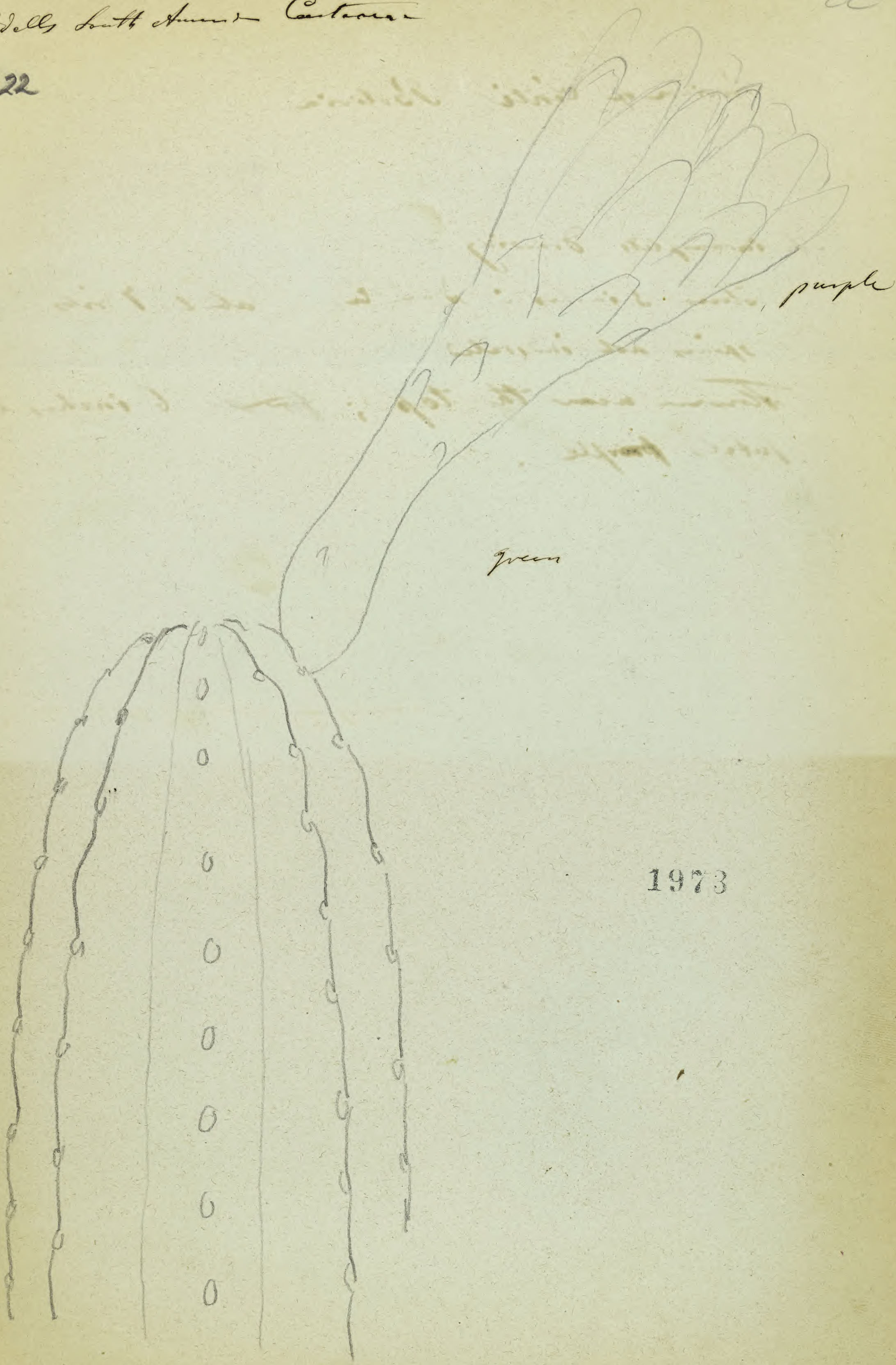
Brick red or orange inside white ?

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Weddell's South America Cactaceae

No 22



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22

Province of Cintis, Bolivia

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An incomplete drawing —

Stem 3 inches in diameter — about 7 ribs

spines not indurated —

flowers near the top; tube 6 inches long;

petals purple.

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№ 21

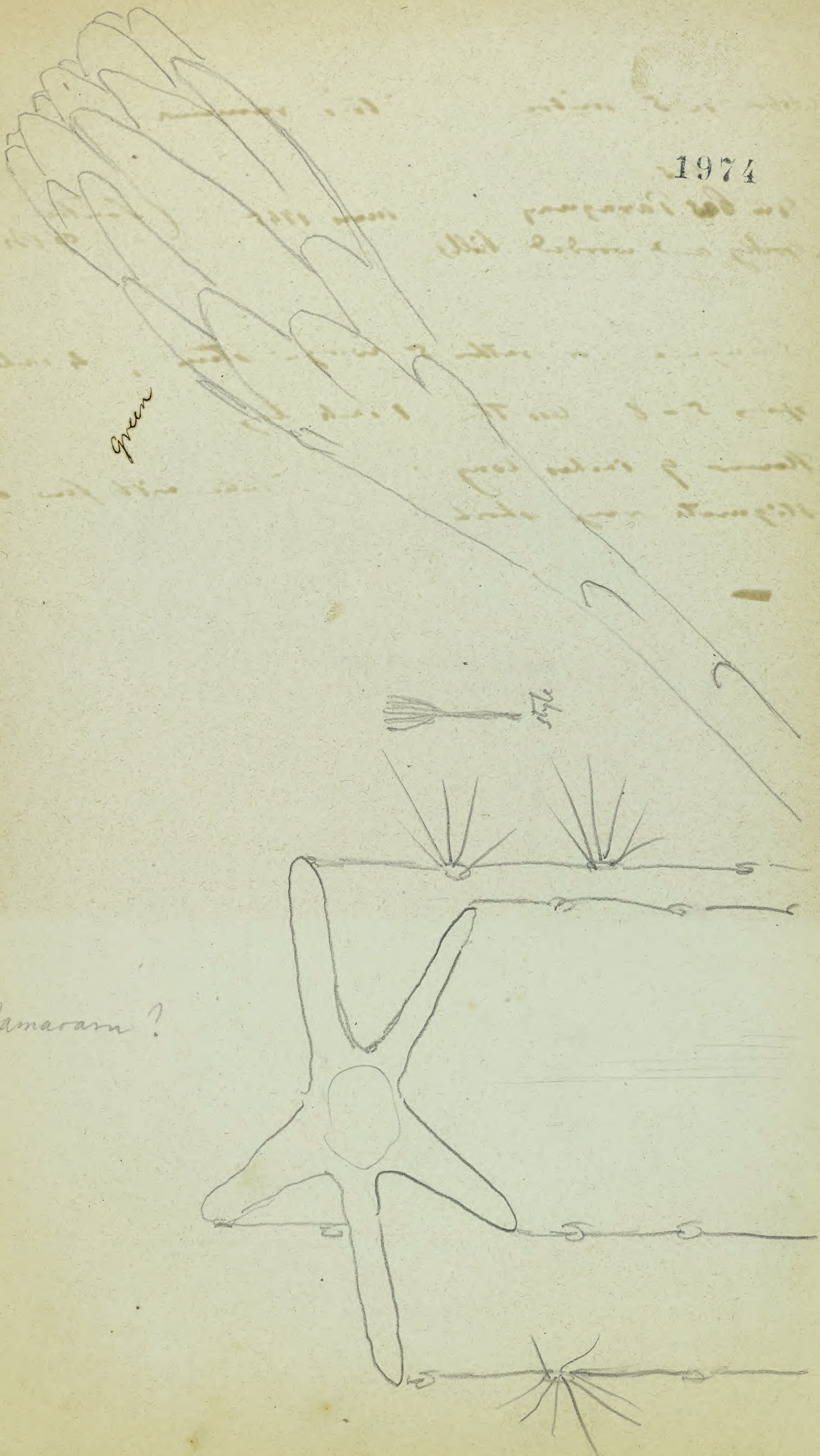
Weddells south american Cactaceae

21

1974

white

green



Cer Jamacaru ?

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21

Arbre de 5 mètre / très rameux

bas.
du Bas Paraguay mars 1845 (Southern Extremity of Brasil
on rocky and wooded hills

5 angular or rather 5 winged stem, 4 inches diam.
spines 5–8 less than 1 inch long
flowers 9 inches long; Tube with few obtuse scales
stigmata very short

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Mr Weddell's South American Cactaceae

2

No. 20.

white with tinge of rose colour

pale green with reddish

spines yellow

blueish green

1975

light bright green

crimson

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20

Near Variabilis

anthills

Sur les fourmilleres dans les campos près de
Rio Grande de Cujaba, Prov. de Mato Grosso, Brasil

A prostrate broom stem, creeping or leaning on the Anthills
branches: 1–2 feet high, 2–2½ inches thick, with
4–6 narrow compressed angles — spines yellow, 6–9
1 inch long or less.
Flowers with long tube, obtuse four scales on ovary and
tube, white. 8 inches long
fruit Globose, crimson, ½–2 inches diameter

Habit of flowers very much like the Phyllocacti.
An elongated tube with very few scales.

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Mr. Weddell's South American Cactaceae

No. 19.

yellowish
Brown
or Lighter
to white

white

Green

1976

dark green

Cereus variabilis "

"

Rio Janeiro

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19.

Rio Janeiro –

stem jointed; dark green; 3–4 angled;
spines long, greenish yellowish to brownish
5–6

flowers 7–8 inches long; petals white rounded
sepals green (without red) lanceolate, acute

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№ 18

Weddells South American Cartocarpus 18

White

1977

Light green

Style

№ 18, 6

№ 1.6. same figure but only flower bud, 2 inches long but style diffent. with 17 short stigmat

pale green

from the Paraguay river

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18.

Forets de la Prov. de Chiquitos

Bolivia

Octob 1845.

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as below

. high, erect, (?) stem quadrangular, with (undulate or) sinuose angles; stem 1½–2 inches thick pale green; axeolae distant; spines 1 inch long, white, 8 or 9

Flowers 10 inches long; especially petals obtuse, white; tube ovary densely covered with very acute lanceolate or linear sepals

stigmata 5 connivent.

very high, leaning on trees or in shrubbery;

18.b. is only about 1 metre high — was found in a very distant region (on the Paraguay, is I suppose; flowers white. — The style & stigmata are much shorter, but that may be because the flowers was not developed. The stem & bud look very much the same.

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No. 17

Waddells South American Cactaceae

" Pitahaya " ; fruit yellow, comestible

Santa Cruz de la Serra, Bolivia

1½ inches thick.

stem triangular, angles wavy like, compressed

areolae distant, tinged

spines 2-4 very short;

flowers 13-14 inches long; 4-5 in diam.;

ovary ½ inch long, 1 inch thick, covered with innumerable

tubercles, like a pineapple, which bear spines on

their tips. (browned spines 6- or 8, 3-4 lines long)

lower sepals of tube bear longer spines or

rather bristles, the lower ones on this must be

(above the axill), the upper ones in the

axills themselves. —

" fruit yellow, edible " nothing about

size and form.

nothing about the stem, whether erect or

scandent.

stem slender, leaning on trees and over walls

high

fruit about 2 inches diameter, tuberculose

same shape as ovary, of a beautiful yellow

colour and good to eat, sold in the Markets

(Waddell)

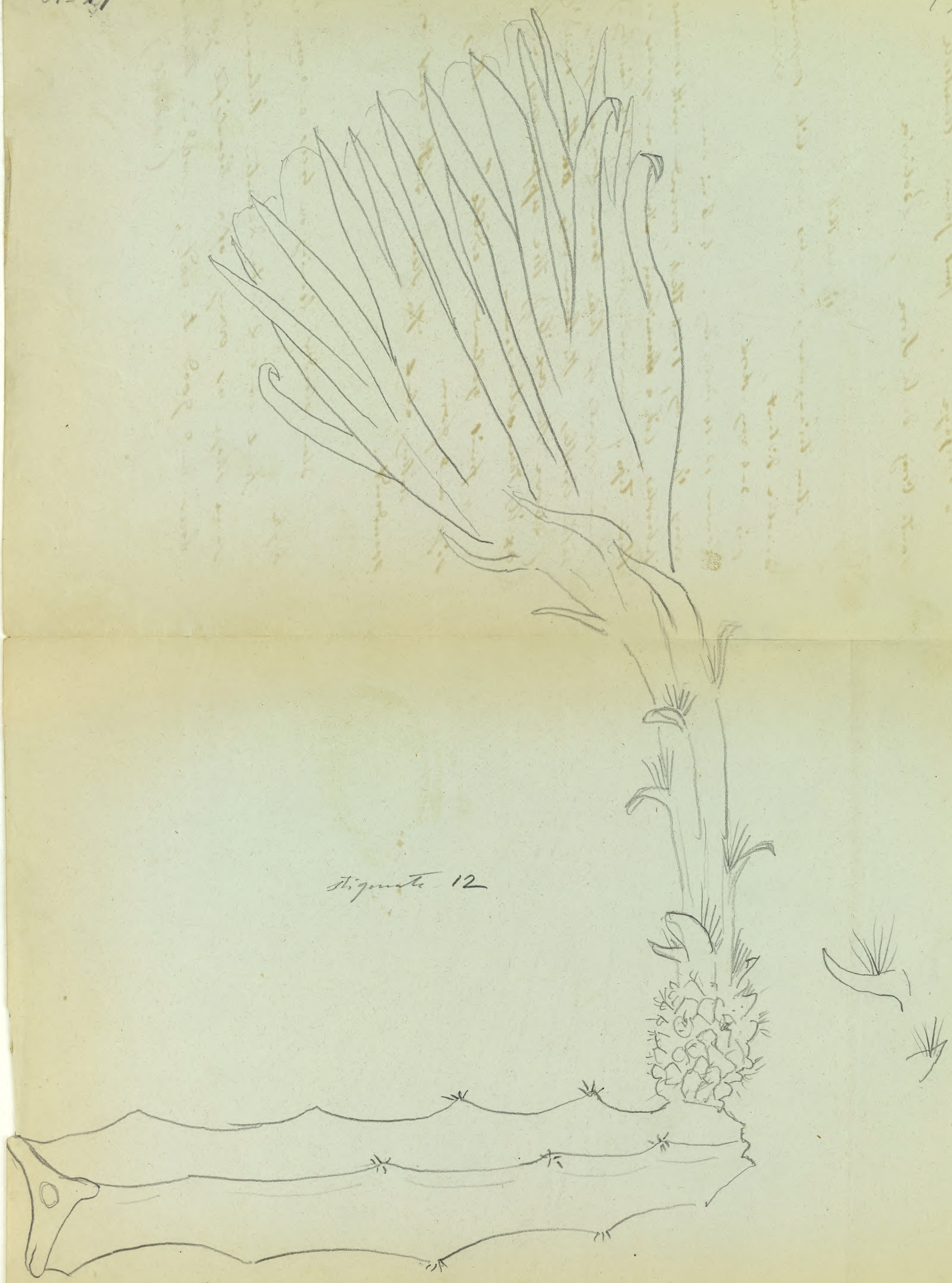
near C. setaceus S. - but larger etc

1978

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№ 17

17



stigmate 12

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Weddells South American Cactaceae

№ 16

Prov. of Cinti // Bolivia

1979

stem 9 inches in diameter, about 16 angled,
obtuse, stem very high (10 or 20 feet ? verNell)
8 spines, 1–1¼ inches long.
flow 10–12 inches long 6 inches diameter

Areas covered with dense wool, from which
the acute spines protrude, scales of tube numerous,
lanceolate, acute, with long black ciliae
interior sepals lanceolate, linear, long
petals white broad, spathulate, with a short
cusped.

№ 16

white

16

green with some red

green with red

dark ciliae

white wool

8 spines

(Echinopsis sp?)

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